

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Spring 2012 Levee Inspection Results****Reclamation District No. 0341 Sherman Island**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2012 Levee Inspection Results**

**Reclamation District No. 0341 Sherman Island**

Waterway			Bank	Unit Miles
Unit No. 01 Threemile Slough			Right	3.34
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/15/2012 - 3/15/2012			
DWR Inspector	Herman Phillips			
Accompanied By	Gene Peck RD 341			
	Joel D. McElroy RD 341			
	Henry Matsunaga Wagner & Bonsignore Engineering			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0341 Sherman Island**

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough					Right	3.34	03/15/2012 03/15/2012	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1			Earthen Levee	Emergency Supplies & Equipment	WS	A Ma		°	°	8
DWR ID: DWR_RD0341_01_s_2012_8										
2			Earthen Levee	Operations & Maintenance Manuals	WS	A Ma		°	°	9
DWR ID: DWR_RD0341_01_s_2012_9										
3			Earthen Levee	Flood Preparedness & Training	WS	A Ma		°	°	10
DWR ID: DWR_RD0341_01_s_2012_10										
4	0.00	0.00	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.085580 ° -121.686494 °	38.085580 ° 121.686494 °	5 Y
DWR ID: DWR_RD0341_01_s_2012_5										
5	0.00	0.00	Earthen Levee	Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	° °	° °	7 Y
DWR ID: DWR_RD0341_01_s_2012_7										
6	1.25	1.75	Earthen Levee	Encroachments	LS	M En	FE : Fences	38.099663 ° -121.706390 °	38.098232 ° -121.706273 °	4
DWR ID: DWR_RD0341_01_s_2012_4										
7	1.84	1.94	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.112078 ° -121.684165 °	38.113486 ° -121.684075 °	3
DWR ID: DWR_RD0341_01_s_2012_3										

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0341 Sherman Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.34	03/15/2012 03/15/2012	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 341 landside slope at levee mile 0.00 looking downstream. This photo was taken 3-15-2012.

phillips\_s\_20120320\_371.jpg



Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

RD 341 looking downstream from waterside levee mile 0.00. Photo taken 3-15-2012.

phillips\_s\_20120320\_372.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2012 Levee Inspection Results**

**Reclamation District No. 0341 Sherman Island**

Waterway			Bank	Unit Miles
Unit No. 02 Sacramento River			Left	6.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/15/2012 - 3/15/2012			
DWR Inspector	Herman Phillips			
Accompanied By	Joel Mc Elroy RD 341			
	Henry Matsunaga Wagner & Bonsignore			

**Summer & Winter Inspections**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0341 Sherman Island**

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River					Left	6.28	03/15/2012 03/15/2012	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	1.25	1.25	Earthen Levee	Trim / Thin Trees	LS	C Ma	T5 : Tree stumps.	38.104642 ° -121.704082 °	38.104642 ° -121.704082 °	4
DWR ID: DWR_RD0341_02_s_2012_4										
2	3.36	3.36	Earthen Levee	Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.105380 ° -121.702513 °	38.105380 ° -121.702513 °	13 Y
DWR ID: DWR_RD0341_02_s_2012_13										
3	3.81	5.63	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.099896 ° -121.706323 °	38.080957 ° -121.722144 °	1
DWR ID: DWR_RD0341_02_s_2012_1										
4	4.14	4.17	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011: Large new erosion pocket probably hidden by vegetation in the past. [2011 Site ID: SAC_8-2_L]	38.095148 ° -121.706367 °	38.094590 ° -121.706393 °	5 Y
DWR ID: DWR_RD0341_02_s_2012_5										
5	4.32	4.50	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 1999 - New small slump in eroded bank. 2005 - Reach extended because of vertical bank along the roadway upstream. 2011: More slumping since last year. [2011 Site ID: SAC_8-0_L]	38.090620 ° -121.706684 °	38.088572 ° -121.707127 °	7 Y
DWR ID: DWR_RD0341_02_s_2012_7										
6	4.58	4.65	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011: Large slump section [2011 Site ID: SAC_7-9_L]	38.086603 ° -121.707786 °	38.086110 ° -121.708114 °	8 Y
DWR ID: DWR_RD0341_02_s_2012_8										
7	5.49	5.81	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.081252 ° -121.719488 °	38.080513 ° -121.725628 °	10
DWR ID: DWR_RD0341_02_s_2012_10										
8	5.98	6.03	Supplemental	USACE Erosion Survey	WS	U Ma	Inspector Comments: 2011: Large slump at downstream end. Gully formed from surface runoff from the road. Shallow slumping throughout site. [2011 Site ID: SAC_7-3_L]	38.080526 ° -121.730483 °	38.080370 ° -121.728341 °	9 Y
DWR ID: DWR_RD0341_02_s_2012_9										
9	6.21	6.35	Earthen Levee	Trim / Thin Trees	LS	U Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	38.080723 ° -121.731799 °	38.081545 ° -121.735244 °	11 Y
DWR ID: DWR_RD0341_02_s_2012_11										
10	7.92	8.10	Earthen Levee	Encroachments	LS	M En	FE : Fences	38.073268 ° -121.759500 °	38.072275 ° -121.762510 °	6
DWR ID: DWR_RD0341_02_s_2012_6										

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0341 Sherman Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/15/2012 03/15/2012	Herman Phillips

Levee Mile Report Line	2
Start Levee Mile	3.36
End Levee Mile	3.36
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Levee mile 3.34 start of Unit 2 looking downstream from waterside. Photo taken 3-15-2012.

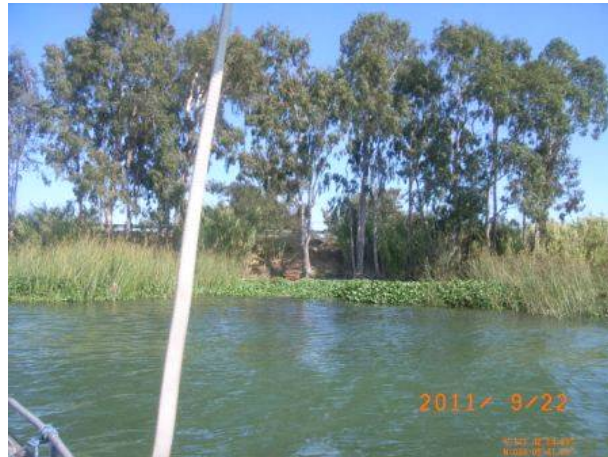
phillips\_s\_20120319\_370.jpg



Levee Mile Report Line	4
Start Levee Mile	4.14
End Levee Mile	4.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

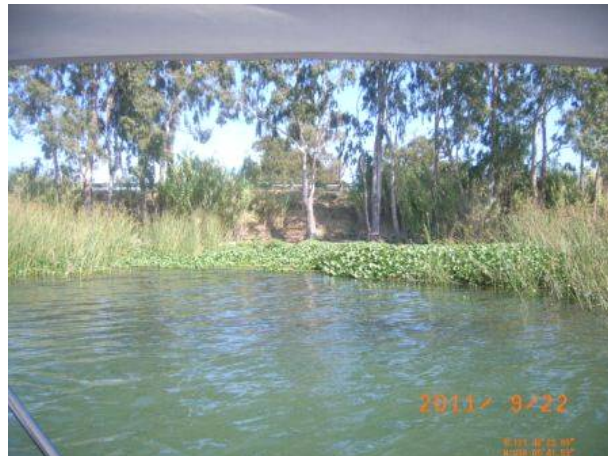
phillips\_s\_20120306\_082.jpg



Levee Mile Report Line	4
Start Levee Mile	4.14
End Levee Mile	4.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

phillips\_s\_20120306\_083.jpg



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**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0341 Sherman Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/15/2012 03/15/2012	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	4.32
End Levee Mile	4.50
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

phillips\_s\_20120306\_084.jpg



Levee Mile Report Line	5
Start Levee Mile	4.32
End Levee Mile	4.50
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

phillips\_s\_20120306\_085.jpg



Levee Mile Report Line	5
Start Levee Mile	4.32
End Levee Mile	4.50
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

phillips\_s\_20120306\_086.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

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Levee Mile Report Line	6
Start Levee Mile	4.58
End Levee Mile	4.65
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

phillips\_s\_20120306\_087.jpg



Levee Mile Report Line	6
Start Levee Mile	4.58
End Levee Mile	4.65
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

phillips\_s\_20120306\_088.jpg



Levee Mile Report Line	8
Start Levee Mile	5.98
End Levee Mile	6.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

phillips\_s\_20120306\_089.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0341 Sherman Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/15/2012 03/15/2012	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	5.98
End Levee Mile	6.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

phillips\_s\_20120306\_090.jpg



Levee Mile Report Line	8
Start Levee Mile	5.98
End Levee Mile	6.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

phillips\_s\_20120306\_091.jpg



Levee Mile Report Line	9
Start Levee Mile	6.21
End Levee Mile	6.35
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Wild growth covering slope and toe of levee section landward Unit 2 levee mile 6.21. Photo taken 3-15-2012.

phillips\_s\_20120319\_369.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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